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FIG.1

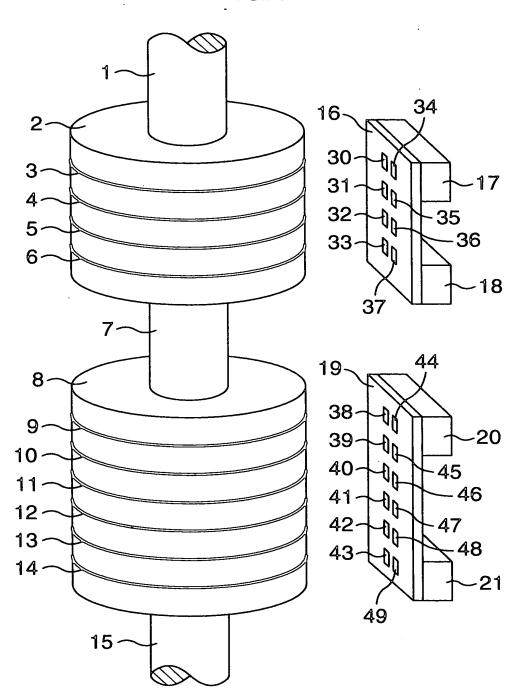


FIG.2

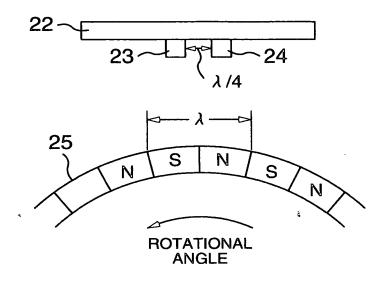


FIG.3

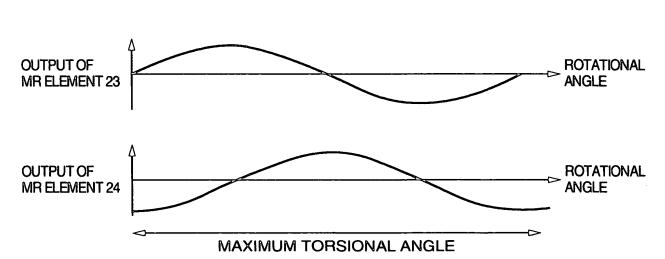


FIG.4

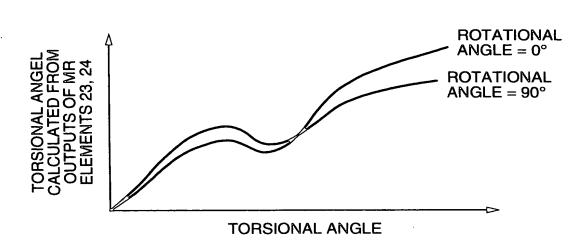


FIG.6

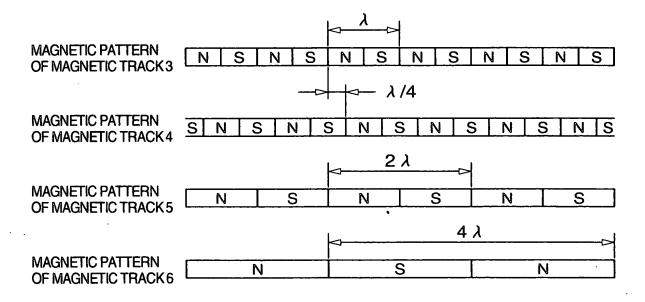
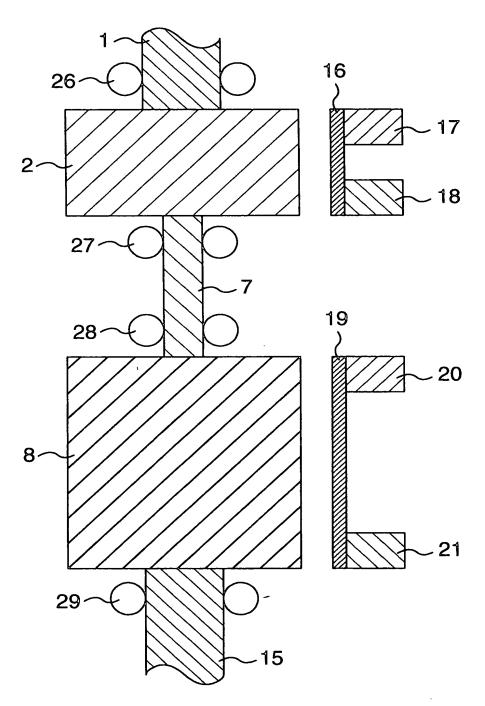


FIG.5



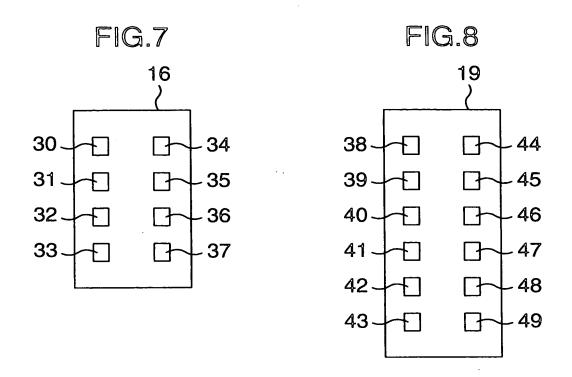


FIG.9

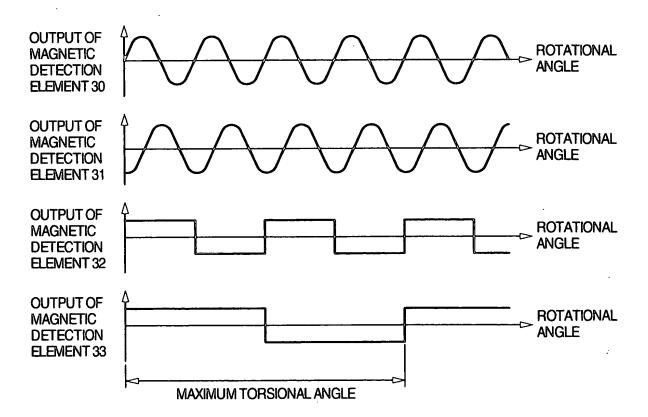


FIG.10 **MAGNETIC** -50 30-DETECTION **ELEMENT OPERATION** UNIT **MAGNETIC** 31 DETECTION **ELEMENT** 51 - 53 MAGNETIC DETECTION 32-**ELEMENT** 52 MAGNETIC DETECTION 33-**ELEMENT TORQUE OUTPUT** 60--**MAGNETIC - 54** 38-DETECTION **ELEMENT OPERATION** UNIT **MAGNETIC** 39 DETECTION **ELEMENT** 55 - 59 **MAGNETIC** 40-DETECTION **ELEMENT** 56 **MAGNETIC** 41-DETECTION **ELEMENT** 57 -- 61 **MAGNETIC** + 42-**DETECTION X8 ELEMENT** 58 ANGLE. **MAGNETIC OUTPUT** 43-X16 DETECTION **ELEMENT**

FIG.11 **MAGNETIC** 30. **DETECTION ELEMENT GAP CALCULATION** UNIT **MAGNETIC** 31 -**DETECTION ELEMENT** 62 PIEZOELECTRIC ELEMENT -17 **PIEZOELECTRIC CONTROL UNIT PIEZOELECTRIC** -18 ELEMENT 63

FIG.12

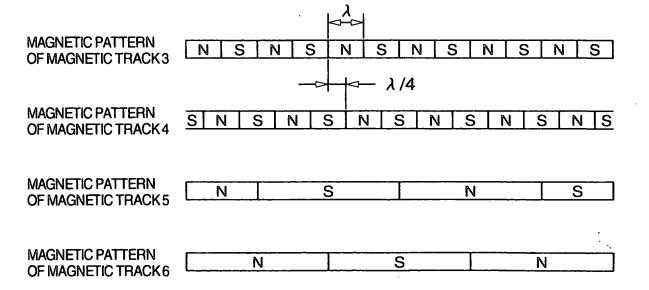


FIG.13

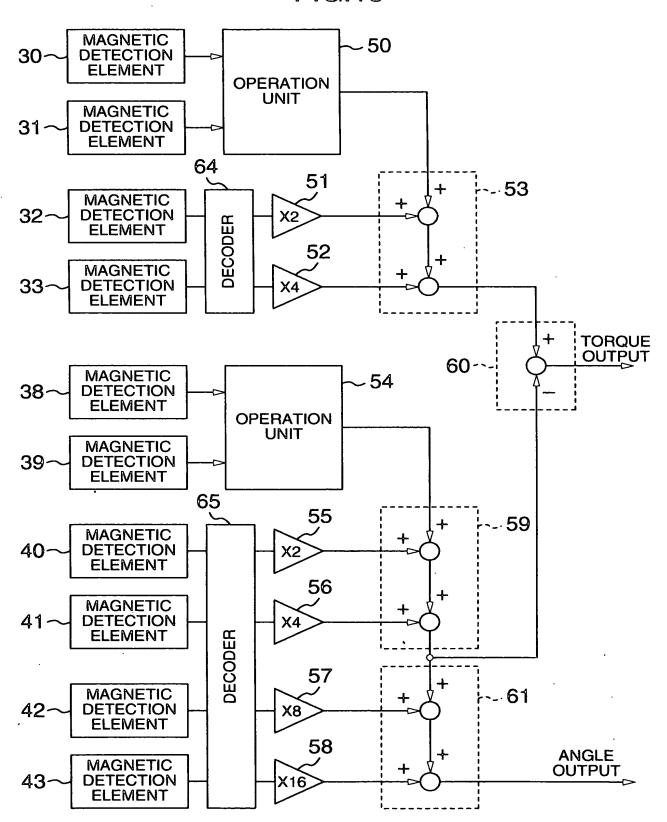


FIG.14

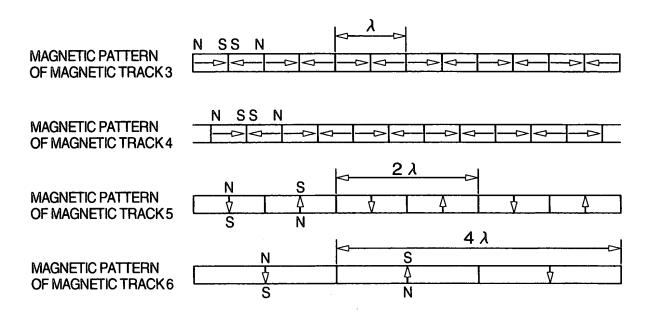
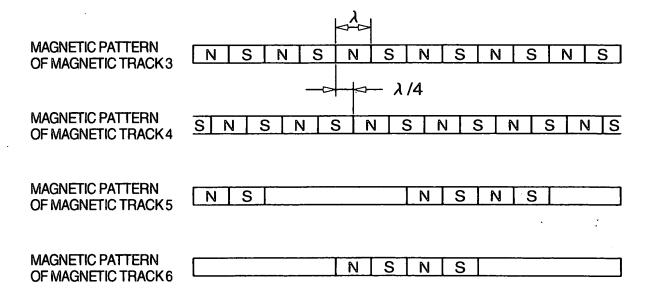


FIG.15



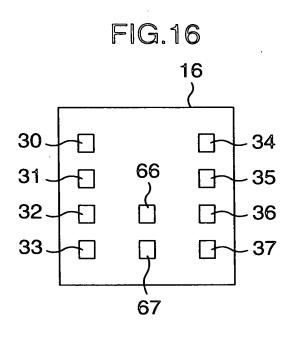


FIG.18

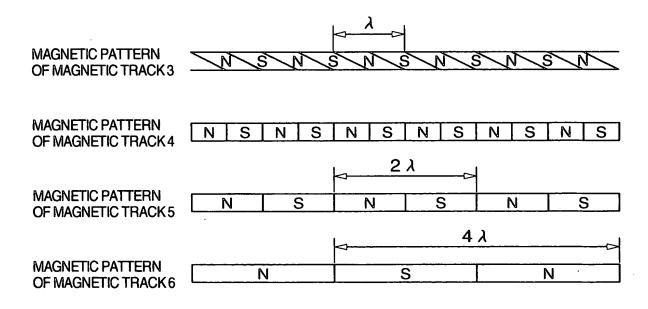
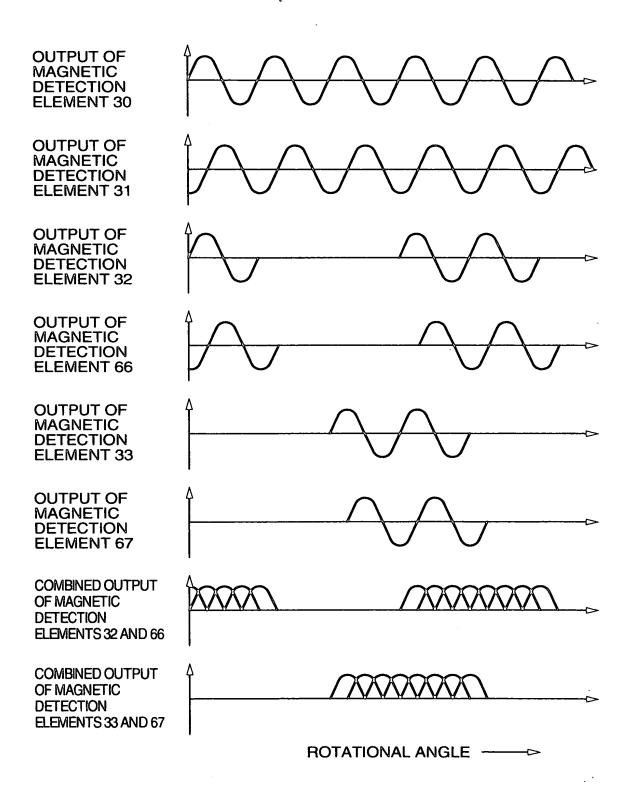


FIG.17



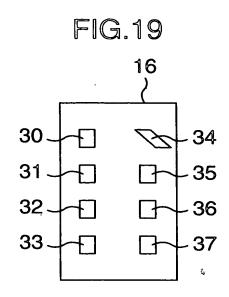
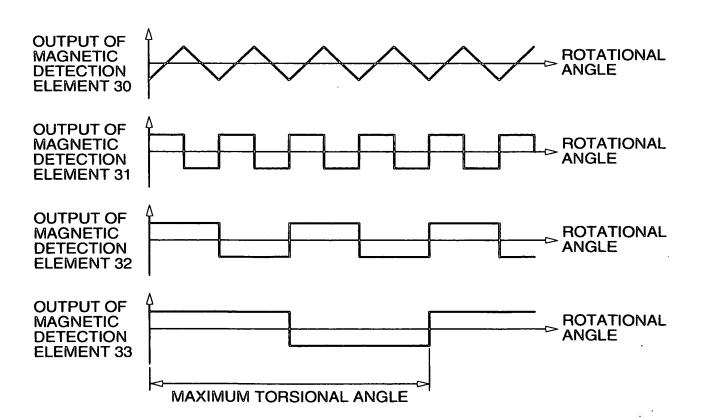
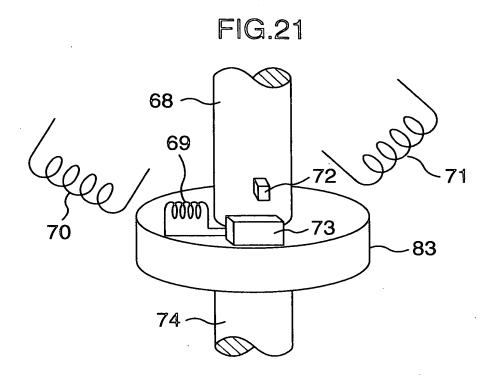


FIG.20





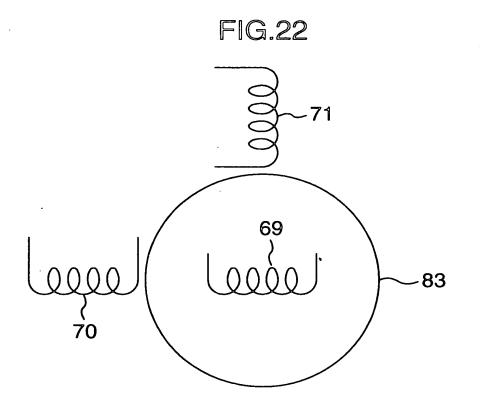


FIG.23

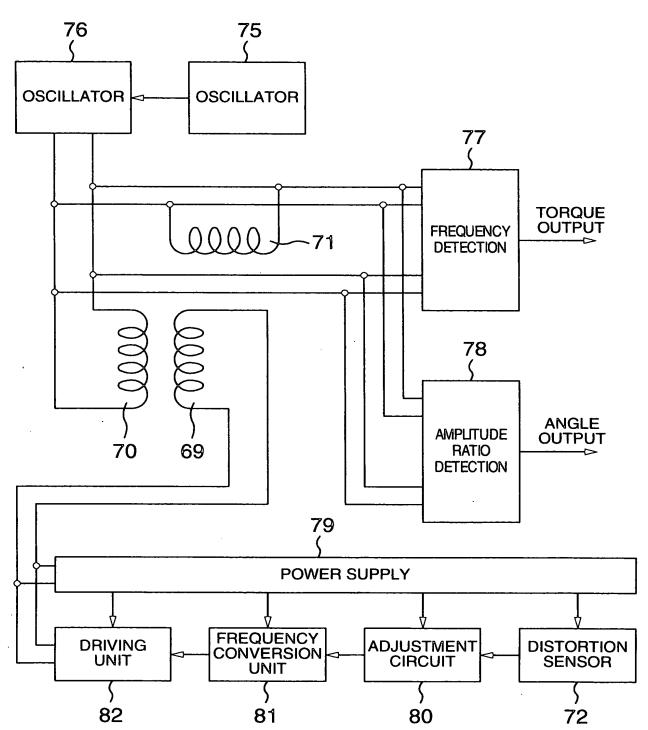


FIG.24

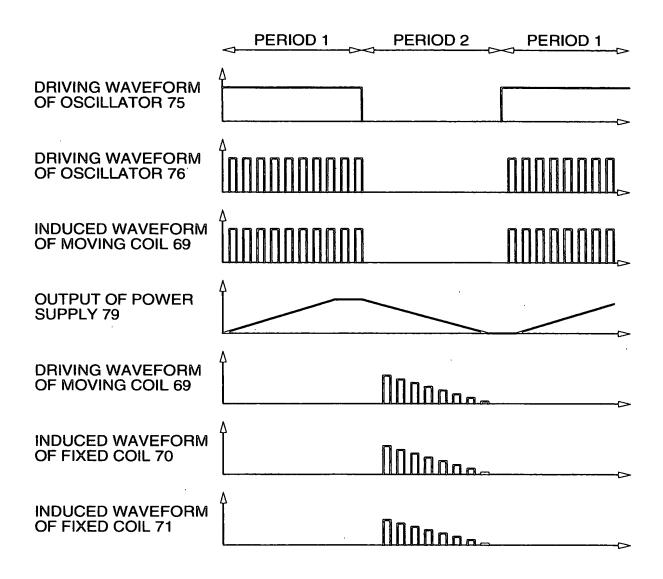


FIG.25

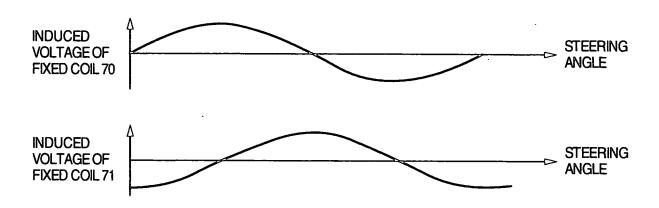


FIG.26

